AGENT:

User's manual

Digital Terrestrial Receiver

H.264 SD/MP2 SD

1TINSE126---003

Printed in China

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Specification

Specification:

RF Input Level: -20dBm~-78dBm
Receiving Frequency: VHF: 170MHz~230MHz
UHF: 470MHz~862MHz
ANT Input Impedance: 75Ω (F Terminal)
Color System: PAL/NTSC
Video Output: 1±0.3Vp-p 75ohmx3
Audio Output: 1Vp-p adjustable
Video formats: 720x480 (NTSC) 720X576(PAL)Pixels
Audio formats: MPEG layer Ⅰ&Ⅱ, 32/44 1/48KHz
Upgrade: SD
Power Supply: DC 9V-28V 250mA~60mA, DC 12V 110mA
4pins Socket: ACC/Parking/+12~24V in/GND
Size (W x D x H): DTR-1213: 128 (W) x 59.33 (D) x 25.24 (H)mm
DTR-1216: 128.5 (W) x 75 (D) x 27.5 (H)mm
Weight (Net): DTR-1213: 126g (approx)
DTR-1216: 108g (approx)
Operation Temperature: -10℃~+50℃
Storage Temperature: -20℃~+65℃

Accessories:

1.R/C unit x1
2.Power supply wire x1
3.IR extension box x1
4.Operation manual x1
5. RCA AV wire x1(optional)
6. 4Pins Din plug with RCA wires x1
6. CAR passive or active antenna (optional)

Trouble Shooting

Problem	Possible Causes	Solution
No power and LED off	Wiring of power cord	Check the connection of power cord
No sound or picture but LED is on	In stand_ by mode	Press power key on remote to turn on
No sound or picture	No signal or signal too weak	Check antenna or cable connection
Picture NG	Signal is too strong	ADD an attenuator
	Signal is too weak	Re-install antenna or move antenna
No picture	Miss wiring/TV is not on AV mode	Connect AV cable, switch TV to AV mode
	Above is OK	Send for repair
Remote control does not operate	Battery exhausted	Replace battery
	Something shield the R/C signal	Keep the R/C window clear in front

Safety Instruction

Please read the following instructions carefully

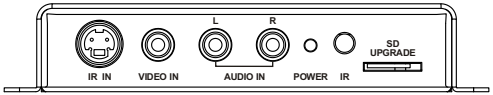
1. The power input is DC+12V~24V±10%
2. Do not expose the receiver to rain, moisture, direct sunlight or do not place it near a heater.
3. Do not use liquid or aerosol cleaners. Use a light damp cloth for cleaning.
4. The hole on the bottom of receiver must be left uncovered to allow proper airflow to the unit.
5. Do not open or remove cover. Refer to all servicing to qualified Service personnel.

Main Features

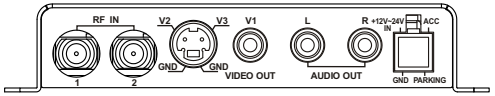
*Fully compliant with H.264 SD MPEG-2 and DVB-T standards.
*PIG(Picture In Graphic) support.
*Channel editing function. (Favorite, Moving, Locking, Delete).
*Automatic and manual search.
*Provide electronic program guide (EPG) (option)
*Easy software upgrade.
*Timer function automatically turns on/off by setting function.
*OSD Teletext and VBI Teletext support.
*Support language options (English, German, French, Italian, Spanish, Turkish, Greek, Russian, Czech, Czechoslovak and Vietnamese, 11 kinds of language)

Front and Rear Panel

DTR-1213EU

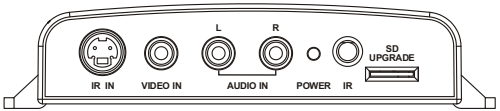


Front

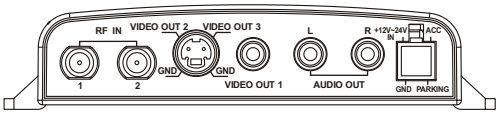


Rear

DTR-1216EU



Front



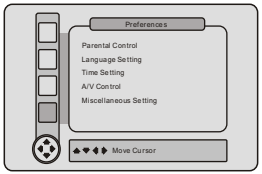
Rear

DTR-1213/1216EU:

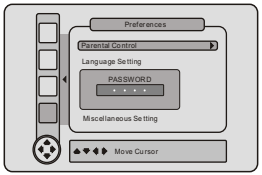
1.For car use: Connect the "+12~24V IN" wire to car battery "+" and connect ACC wire to car ACC switch.
2. For home use: Put "+12~24V IN" and ACC wire together and connect to 12-24V DC.
3.GND must connect to GND or Battery"-" .

1.4. Preferences:

a.Parental control: you need set new parental password to get control the lock channel.
The default no. is 0000. There are Change Password, Installation Lock, Preference Lock,
Channel Edit Lock and Channel Lock for your setting. You can choose on or off on each item.

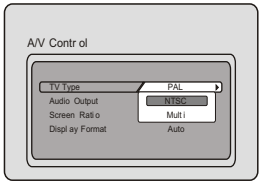


b. Language Setting: this unit supports 11 kind of languages. They are English, German, French, Italian, Spanish, Turkish, Greek, Russian, Czech, Czechoslovak and Vietnamese. You can set Menu Language, Audio Language and Subtitle Language.

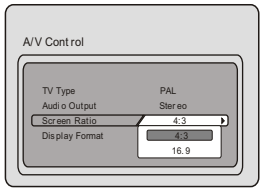


c.Time Setting: you have to set the correct GMT+/- X hours as your time area. And clock will correct with the broadcasting signal automatically.
The power on time allow you select channel and on time.

d.A/V Control:

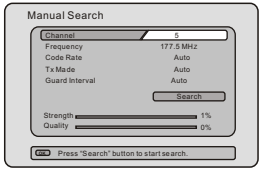


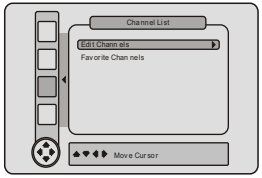
1. TV Type: select PAL/NTSC/MULTI(auto).
2. Audio Output: select Stereo or Mono.
3. Screen Ratio: select 4:3 or 16:9 aspect ratio.
4. Display Format: set the display format in Auto, Letter Box or Center Mode.



f. Miscellaneous Setting: set display time of OSD or transparency level for OSD screen display.

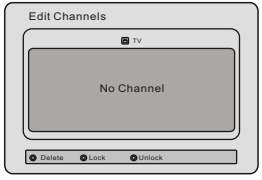
b. Manual Search: in this mode, you can select just one channel to search the programs.
c. LCN: If you turn on the LCN (logic channel NO.) Function and the DVB-T program included LCN information then the channel No. Will display the LCN channel only after auto channel scan LCN channl list is usually defined by program vender or broadcaster.
d. Reset Default: If you press OK, then all channel data will delete and return to initial factory default setting.





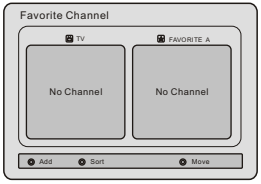
1.2.System:

a. System Status: the hardware and software version will show in this information.
b. Area Setting: you can select area where you are. This selection will set the auto search function for auto select the band on each area.

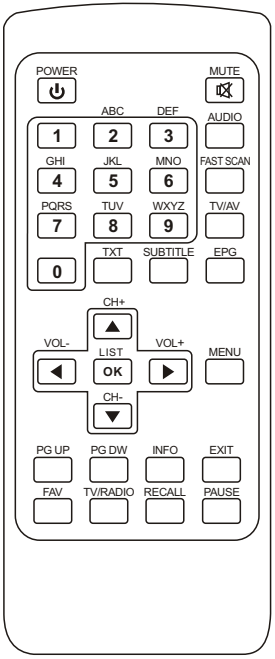


1.3.Channel list:

a. Edit Channels: under this manual, you can edit current channels in the box by Lock, Unlock and Delete. If the channel
has been locked, you need to enter pass word to view it.
b. Favorite Channels: to select desired current channels into favorite list.

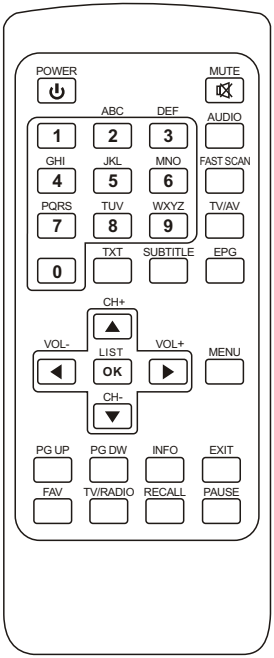


Remote Control Unit (RCU)



- POWER: ⏻
  Switch the receiver between stand-by & on mode
- MUTE 🔇
  Mute the audio output
- Numeric Keys(0~9):
  For direct entry of channel number or input of alphanumeric characters
- ADUIO:
  Switch the audio language if transmitting more then one language and Select the different audio modes
-FAST SCAN:
Searching all channels quickly
- TV/AV:
  Select between TV and AV mode
- EPG (Electronic Program Guide):
  Call up the EPG function
- TXT:
  Display on the teletext contents of the viewed channel, if teletext is transmitted
-SUBTITLE:
Switch the subtitle on if the subtitle is transmitted on this channel
- CH(▲/▼):
  Change channels sequentially up or down in viewing mode and move to the next higher or lower item in the menu

Remote Control Unit (RCU)

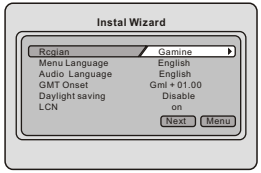


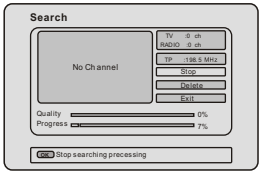
- VOL(◄ / ►):
  Alter the Audio output level up or down in viewing mode or move to the left or right item in the menu
- OK/LIST:
  Select an item or confirm a choice.
  A list will enter the channel in viewing mode
- MENU:
  Access the main menu
- Pg UP/ Pg DN:
  Move up/down a page in the channel list. Shown movie playing speed while playing .
- INFO:
  Display information on viewed channel
- EXIT:
  To return to previous status or exit
- FAV (RED):
  Select the favorite or all channels
- TV/RADIO (GREEN):
  Switch between TV and radio mode
- RECALL(YELLOW):
  Go back to the previously viewed channel
- PAUSE (BLUE):
  Press once to pause the screen picture, press once again to resume normal mode

Basic Functions

1.Digital TV

When the unit power is on and gets into “DTV” function. The first installation picture will show on the screen If there is no channel data in the memory.
The system supports 11 kinds of languages. They are English, German, French, Italian, Spanish, Turkish, Greek, Russian, Czech, Czechoslovak and Vietnamese.
Select the Area you are and move to “NEXT”, and then press OK to start up search channel. If the signal appears, you will get it and cannel information will store in channel list.





There are 4 main items in the manual on the left side.
In the bottom area, the guide information will show the usage key for the operation You can refer it to operate and set it as you need.

1.1. installation:

a. Automatic Search: you can use this function to search all available programs according to all channel band in the country.